



JUNE 1981

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NOW IN OUR 63RD SEASON

MRAC REGULAR MEETING: 7:30 PM, Thursday, June 11, 1981, at Wauwatosa Savings and Loan Building at 7500 West State St. Hall is open at 7:00 PM for rag chewing and consultations. Visitors are always welcome. Plenty of free parking.

INSTALLATION OF OFFICERS for the 1981-82 club season is the first action after the regular business session. The following were elected at the May meeting of your club:

President	C. Reid Whipple	K9IWC
1st Vice President	David B. DeFebo	WB9BWP
2nd Vice President	Ken Eggert	W9MOT
Secretary	Jack C. Krause	W9JK
Treasurer	<i>red</i> Jack Stiller	WA9RDI
Director - 2 year term	Walter J. Glish	W9YYW
Director - 2 year term	Ottmar W. Noeske	W9LGO
Director - 2 year term	Marvin H. Rutishauser	WB9PKL

The list of elected officers for the 1981-82 club season is completed with the following holdovers:

Director - 1 year left	R. H. Oberholtzer	W9ZPV
Director - 1 year left	Betty Vetter	N9APE
Director - 1 year left	Edward R. Vetter	N9ARC
Chairman of the Board	Al Belanger	W9MDG

FIELD DAY 1981 (June 27-28) activity by your MRAC is to be further organized at this meeting. Volunteers welcomed.

SCM ROY PEDERSEN K9FHI, ARRL Sections Communications Manager for our Wisconsin area will tell about the ARRL nets, traffic systems, and his responsibilities for appointments in the state, the issuing of and endorsing certificates and the filing of the station activity reports for the column in QST.

OUR AMERICAN RADIO RELAY LEAGUE needs the support of every thinking radio amateur. We have no other way of protecting our hobby and the radio spectrum that we occupy except by our supporting the ARRL. Now ARRL finds it necessary to raise the yearly dues to \$25, effective July 1. You can beat the price rise by joining the League or by extending your membership before July 1. One year still goes for \$18 and the real bargain is three years for \$51. Hurry, get behind the League.

THE ARRL "ALL RISK" HAM RADIO EQUIPMENT INSURANCE PROGRAM is available to all ARRL members - Now broader coverage - See brochure enclosed.

THE MRAC ANNUAL AUCTION was the usual success. And we owe a vote of thanks to Travis Baird, W9VQD, our auctioneer. Also a big thank you to Travis for the donation to MRAC of the big ARRL flag. The club charges nothing for the sale but we received enough donations of gear and books to net the treasury over over fifty-one dollars!

MRAC ANNUAL PICNIC - Sunday July 26, 1981 - Jacobus Park - ONE BIG RAG-CHEW Mark this one prominently on your calendar

MRAC MEETING JUNE 11TH -
- BRING A FRIEND

The Milwaukee Radio Amateurs' Club, Inc.**AT THE INTERNATIONAL SCIENCE & ENGINEERING FAIR****MECCA, Convention Hall, Milwaukee, Wisconsin, May 11 thru 15, 1981.**

MRAC STATION W9RH - located in lobby of the convention center, outside of the exhibit area, was in operation daily from 9:30 AM to 4:00 PM to handle 3rd party messages for contestants, associates and sponsors, and to explain the operation of amateur radio.

EXHIBITED were the widely diversified scientific and engineering projects of 462 high school finalists from U.S., Canada, Great Britain, Japan, Puerto Rico, Korea and Sweden.

TOTAL MESSAGES SENT - 135, received 4.

EQUIPMENT - 40/80 meter trap dipole on roof of convention center, fed by 200 feet of RG8/U from station thru a hole in brick wall, 80 feet up a wall, across ceiling and thru a ventilator to roof. 20 meter dipole on roof.

Yaesu FT301D with power pack.

Dentron DTA 3KA antenna tuner.

Heath SB-201 1KW linear amplifier.

Heath automatic keyer.

KDK 2-Meter transceiver.

Smith Broomstick 2 mtr antenna hung 15 feet from floor and fed with 20 feet of RG8/U.

CO-CHAIRMEN for this event Edward Vetter N9ARC and Betty Vetter N9APE.

ASSISTED BY: Reid Whipple K9IWC, Marv Rutishauser WB9PKL, Lillian Wunsch WA9EMJ, Herb Schoeder K9HJ, Quint Peters W9FAD, Bob Glamm W9UGN, Jack Krause W9JK, Les Peterson W9YCV and Gordon Weiler W9ZQK.

Our sincere thanks to all these hard workers and also to all the hams who helped us move the traffic each day.

ARRL RADIOGRAM forms were used for messages and also for the station log. As many messages as possible were passed to the 12:30 PM Ninth Region Net and many others were transmitted by Lillian Wunsch WA9EMJ to the 5:00 PM Ninth Region Net. Additional messages were sent to Les Peterson W9YCV via 2-meters and cleared to other nets. All traffic was cleared on the day originated.

EQUIPMENT was on a table in the booth so it could be seen but not touched by spectators. Three or more persons were required at all times. All equipment was locked in a security room each night. A tack board displayed maps, the ARRL flag and MRAC Club signs. It is recommended that a large sign indicating "FREE MESSAGES SENT" be available for display at this type of operation.

TWO CRASHES MARRED THE W9RH operation at the Science Fair at Mecca. On the roof, the 10/15/20 verticle trap antenna succumbed to the high winds on Saturday May 9th (along with a number of yachts on Lake Michigan). In the booth, Marv Rutishauser WB9PKL took a nasty spill and tore the ligaments in his right arm, painful, sorry Marv.

THE MILWAUKEE SECTION OF I.E.E.E. (Institute of Electrical and Electronic Engineers) made awards to half a dozen Wisconsin high school students for their projects displayed at the Science Fair, at the IEEE Annual Awards Dinner on May 16th. Also honored were two Life Members of IEEE, our MRAC members Bill Gainer W9SO and H. Charles Kaetel W9SNK.

SEE YOU ALL AT THE JUNE 11TH MRAC MEETING